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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re Application of:

Frank PORTUGAL.	Examiner: J. Souaya
Serial No.: 09/027,089	Group Art Unit: 1655

Filed: February 2, 1998

Title: METHOD FOR IDENTIFYING SPECIES OF SHIGELLA AND E.COLI  
USING OPERON SEQUENCE ANALYSIS

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile Transmitted to the Patent and  
Trademark Office at 703-746 5100 on June 5, 2002 BY: Richard J. TraversoSIGNATURE [Signature] DATE 6/5/02AmendmentAssistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the above-referenced application as indicated below and consider the  
remarks which follow:

IN THE CLAIMS:

*Please amend claims 20-26, 37, 38, 40, 42, 44 and 45 as follows:*

20. (Twice amended) The method of claim 19, wherein an oligonucleotide  
comprising SEQ ID NO: 1 is used to discriminate between or among Shigella and Escherichia.

21. (Twice amended) The method of claim 19, wherein an oligonucleotide  
comprising SEQ ID NO: 2 is used to discriminate between or among Shigella and Escherichia.